

ABSTRACT OF THE DISCLOSURE

The color image forming apparatus is provided, which includes a color sensor and conducts color correction. In the color image forming apparatus, a patch of a color matching chart obtained by a color sensor is detected in accordance with a conveying speed (a standard speed mode, a half speed mode, a high gloss mode, or the like) to thereby make a color correction table. Further, upon printing, the color correction table made in accordance with the conveying speed is used to perform image forming. Accordingly, images outputted at different conveying speeds can have the same colors.